

**Work Order ID 62569**

Monday, October 04, 2010 1:14:24 PM



Page 1

Item ID: D4093-5

Accept



Setup Start



Revision ID:

Stop



Item Name: Bracket

Start Date: 10/5/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 10/18/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: mf Date: 10-10-04 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4093	A

100

0.00



Waterjet

Memo

0.00

FLOW CNC Waterjet

CUT AS PER DWG

6061 .188

DWG REV: APROG REV: A

DEBURR

B10-10-5

(10)

110

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

B10-10-5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 62569**

Monday, October 04, 2010 1:14:24 PM

Page 2

Item ID: D4093-5

Accept

Setup Start

Revision ID:

Stop

Item Name: Bracket

Start Date: 10/5/2010 Start Qty: 4.00

Cust Item ID:

Required Date: 10/18/2010 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

QC8- Inspect parts - second check

0.00

S 10/10/05

(x10)

QC

Memo

0.00

Quality Control

130

Memo

0.00

Small Fab

C' SINK AS PER DWG

0.00

Small Fab

E 10/10/05 (10)

140

QC5- Inspect part completeness to step on W/O

0.00

S 10/10/06

(x10)

QC

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

[illegible]

Monday, October 04, 2010 1:14:24 PM

**Accept**

**Setup Start**[illegible]

**Stop**

[illegible]**Cust Item ID:**

**Start Date:** 10/5/2010      **Start Qty:** 4.00

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**Required Date:** 10/18/2010      **Req'd Qty:** 4.00



**Customer:**

**Reference:**

Run Start



**Approvals:**      **Process Plan:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Tooling:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stop**

**Abstract**

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

**Insp.  
Stamp**

0.00



HandFinish

## Memo

0.00

## Hand Finishing

0.00

[illegible]

**Powdercoat**

## Powder Coating

## Memo

0.00

0.00

[illegible]

OC

## Memo

0.00

## Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 62569**

Monday, October 04, 2010 1:14:24 PM



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Item ID: D4093-5

Accept



Setup Start



Revision ID:

Stop



Item Name: Bracket

Start Date: 10/5/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 10/18/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

180

Identify as per dwg & Stock Location: 124

0.00



Packaging

Memo

0.00

Packaging

10/10/12 SP (100)

190

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/10/12 MF  
10-10-12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Monday, October 04, 2010 1:14:23 PM

Page 1

Work Order ID: 62569



Parent Item: D4093-5



Parent Item Name: Bracket


Start Date: 10/5/2010

Required Date: 10/18/2010

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 10-10-01 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.188  6061-T6 .188 Sheet		Purchased	No			100	sf	5.0000	0.025	0.105263	3		



H310-10-5

Location

Loc Qty

Loc Code

MAT

5

110993

5

110993

(10)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

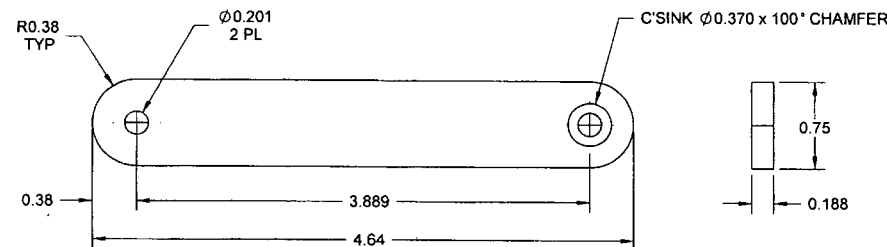
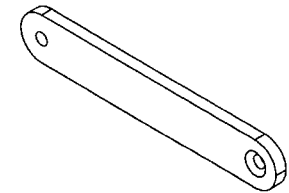
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



#62569



# D4093-5 BRACKET

## NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221  
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.06 lbs

**RELEASED**  
2010-09-23

DESIGN		RF		DART AEROSPACE USA, INC.	
DRAWN		RF		PORT HADLOCK, WA	
CHECKED				DRAWING NO.	REV. A
MFG. APPR.				D4093	SHEET 5 OF 5
APPROVED				TITLE	SCALE
DE APPR.				BRACKET	NTS
DATE	10.09.16	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. ANY DISSEMINATION OF THE CONTENTS HEREIN TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 62569

Monday, October 04, 2010 1:14:24 PM

Page 1

Item ID: D4093-5

Accept

Revision ID:

Item Name: Bracket

Start Date: 10/5/2010 Start Qty: 4.00

Required Date: 10/18/2010 Req'd Qty: 4.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: mf Date: 10-10-04 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start  
Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4093	A

100 0.00



Waterjet  
FLOW CNC Waterjet  
6061 .188

Memo  
CUT AS PER DWG  
DWG REV: A  
PROG REV: A  
DEBURR

0.00

10-10-5

(10)

110 0.00



QC  
Quality Control

QC2- Inspect parts off machine FAI/FAIB

Memo

0.00

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY  
10/10/25

10-10-5

# Picklist Print

Monday, October 04, 2010 1:14:23 PM

Page 1

Work Order ID: 62569

Parent Item: D4093-5

Parent Item Name: Bracket





Start Date: 10/5/2010

Required Date: 10/18/2010

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 10-10-01 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.188 		Purchased	No			100	sf	5.0000	0.025	0.105263	3		
6061-T6 .188 Sheet												10-10-5	

MP  
10/10/26

Location

Loc Qty

Loc Code

MAT

5

110993

5

110993

(10)

DART AEROSPACE LTD	Work Order:	62569
Description: BRACKET	Part Number:	D4093-S
Inspection Dwg: D4093-S Rev: A		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

**X First Article**

## Prototype

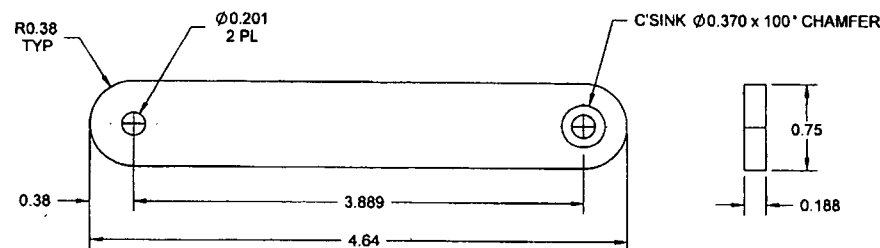
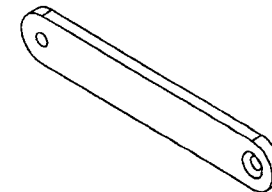
[illegible]

Measured by:	HB	Audited by:	S	Prototype Approval:	N/A
Date:	10-10-5	Date:	10/10/05	Date:	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	



#62569



# **D4093-5 BRACKET**

## **NOTES:**

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)  
OR ASTM B211 OR ASTM B221  
REF DART SPEC M6061T68
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.06 lbs

**RELEASED**  
2010-09-23

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	140	DRAWING NO.	REV. A
MFG. APPR.	21	D4093	SHEET 5 OF 5
APPROVED	140	TITLE	SCALE
DE APPR.	140	BRACKET	NTS
DATE	10.09.16	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

## Receiving Report

Date: 9/2/06

Batch No: M110993

Supplier: MAGWA

Dart P/O: 8260

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☐

Release Note Attached: Yes ☐ No ☒ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection: ☒ N/A ☐  
 Work Order: 01267 N/A ☒

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M606176508		192	0	0	192	

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin:

Date: 09/02/27  
 Received/Costing: RR 10359  
 Initial: CZ

Location: \_\_\_\_\_

# Dart Aerospace Ltd

## Receiving Slip

Date Feb 27, 2009	Page 1
Receipt Number RCP00010359	

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawksbury, Ontario K6A 1K7  
Phone: (613) 632-3336  
Fax: (613) 632-4443

### Purchase From:

Magna Stainless  
5775 rue Kieran  
St Laurent, Quebec H4S 0A3  
Canada

### Ship To:

Main Finished Goods Location  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawksbury, Ontario K6A 1K7

Reference	Description	Contact	Vendor Number VC-MAG002	PO Number PO00008260
-----------	-------------	---------	----------------------------	-------------------------

Vendor Item Number	Item Number	Description	Qty. Received	UOM	Unit Cost	Extended Cost	Arrival Date
	M304S14GA	304SS sheet .080	64.0000	sf	7.656250	490.00	Feb 27, 2009
		AMS 5513 OR 5524					
		MATERIAL: AISI 304/316 SS SHEET AS PER					
		B/N110993					
	M6061T6S188	6061-T6 .188 Sheet	32.0000	sf	10.156250	325.00	Feb 27, 2009
		AS ABOVE					
		B/N110993					
	M6061T6R3500	6061 RD bar 3.50	12.0000	lf	25.833333	310.00	Feb 27, 2009
		4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160					
		ROUND BAR PER AMS-QQ-A-225/8 OR AMS 4117/4128					
		MATERIAL: 6061-T6 OR 6061-T6511/T6510/T6511/T62					
		B/N110993					

Comments:



# Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3  
Phone: (514) 631-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

## PACKING LIST

I007654

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SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7  
Contact: CHANTAL

HAWKESBURY, ON  
K6A 1K7  
Ship Terms: PREPAID

*[Signature]*  
MTR: Y

SPECIAL INSTRUCTIONS

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	8260	
Sales Order	Terms		Ship Via	Date Ordered	Date Required	Date Shipped
W008424	NET 30 DAYS		NIR:R-557065-1	02/24/09	02/27/09	02/27/09

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	ALUMINUM PLATE APL 6061 T6 3/16" x 48" x 96" 86 LB / 1 PC	L022928	10669093	1
1		PC	ALUMINUM ROUND BAR ARB 6061 T6 3-1/2" x R/L 12' 136 LB / 1 PC MUST USE HT : 20056164	L022929	20056164	1
2		PC	STAINLESS SHEET SSH 304 2B 14ga x 48" x 96" ✓ 210 LB / 2 PC	L019444	SE37766	2
Skids: 1 Pieces: 1			Total Weight:			432 LB

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_



# Purchase Order

Date Feb 24, 2009	Page 1
Purchase Order Number PO00008260	

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawksbury, Ontario K6A 1K7  
Phone: (613)632-9577  
Fax: (613)632-1053

02/09/2009

## Vendor Address:

Magna Stainless  
5775 rue Kieran  
St Laurent, Quebec H4S 0A3  
Canada  
Phone (514) 339-1211  
Fax (514) 339-1105

## Ship To:

Main Finished Goods Location  
Dart Aerospace Ltd  
1270 Aberdeen St  
Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival
		VC-MAG002	Feb 24, 2009	N30	yours	Feb 27, 2009

Qty. Ordered	Item Number	Description	Expected Arrival	Drop-Ship	Unit Cost	UOM	Extended Price
✓ 64.0000	M304S14GA	304SS sheet .080 Comments: MATERIAL: AISI 304/316 SS SHEET AS PER AMS 5513 OR 5524	27/02/2009	No	7.656250	sf	490.00
192.0000	M6061T6S080	6061-T6 .080 Sheet Comments: MATERIAL: 6061-T6 OR 6061-T62 ALUMINUM SHEET PER AMS-QQ-A-250/11 OR AMS 4025/4027	27/02/2009	No	6.458333	sf	1.240.00
✓ 32.0000	M6061T6S188	6061-T6 .188 Sheet Comments: AS ABOVE	27/02/2009	No	10.156250	sf	325.00
✓ 12.0000	M6061T6R3500	6061 RD bar 3.50 Comments: MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 ROUND BAR PER AMS-QQ-A-225/8 OR AMS 4117/4128 4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160	27/02/2009	No	25.833333	f	310.00
<div>MATERIAL CERTIFICATION REQ'D UPON DELIVERY</div>							
Comments:		Tax Summary:		Less:			
		GST		118.25			
		ONTPST		0.00		0.00	
		Entered By: CLAVOIE		Subtotal		2,365.00	
		Approved By:		Total tax		118.25	
				Total purchase order in			
				CAD Dollars		2,483.25	

## TEST CERTIFICATE



Hulamin Limited Reg. No. 194501332400 VAT Reg. No. 4080145604  
 HEAD OFFICE: Moses Mabhida Rd, Pietermaritzburg 3201, P.O. Box 74, Pietermaritzburg 3200, South Africa  
 Telephone: +27 33 395 6911 Telefax: +27 33 394 6036

BUYER:	Shipping File No:	UR33492	Product:	.1875" X 48" X 96" PLATE 6061, T651
	Lot No:	17/01/50817	Dimension:	0.188" X 48" X 96"
	P/List No:	2/625772	Alloy - Temper:	6061 - T651
	Release No:		Certificate No:	0801LB8572
	Cust Order No:	3513-P.R126145	Cust Ref/Part No:	
	HULAMIN Order No:	118747E	Combined P/List No:	
	Item Part:	1/1		

Case No:

## MECHANICAL TEST RESULTS

Lot No.	Cast No.	Metal Id	Alloy	Spec No	Mechanical Properties						
					Yield Strength (Ksi)	UTS (Ksi)	Elongation A50 (%)	Earing (%)	Test Date	Gauge Length (Inches)	Bend Test
Spec				Min							
				Max							
17/01/50817	SBYK	✓ 10669093	6061	1	43.1	48.0	14		13/01/08	02	
				2	42.8	47.8	14		13/01/08	02	

## CHEMICAL COMPOSITION

	Cast No.	Alloy	Si (%)	Fe (%)	Cu (%)	Mn (%)	Mg (%)	Cr (%)	Zn (%)	Ti (%)	Each (%)	Total (%)
Min			0.40		0.15		0.8	0.04				
Max			0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15
	SBYK	6061	0.70	0.38	0.28	0.06	1.06	0.19	0.01	0.02		

CONFORMS TO: AMS900-A-250H1, ASTM B209-06, ASME SB-209 AND AMS 402TM

WE HEREBY CERTIFY, THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE TERMS OF THE ORDER CONTRACT. THE INSPECTION RESULTS INDICATED IN THE CHEMICAL COMPOSITION HAVE BEEN OBTAINED FROM CAST ANALYSIS.

*[Signature]*  
 Dr. A. Pridmore (HEAD OF CHEMICAL TESTING)

Ver 2.2.6

*[Signature]*  
 V. Mocham (HEAD OF PHYSICAL TESTING)

Printed Date: Wednesday 23 January 2008

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MO 229228

09/02/07